

## **COMPACT GERMICIDAL LAMP HAVING MULTIPLE WAVELENGTHS**

### **ABSTRACT OF THE DISCLOSURE**

A compact germicidal lamp having a plurality of adjacent parallel glass cylinders capable of transmitting different wavelengths of ultraviolet radiation connected by a perpendicular glass tube. A first glass cylinder made of a doped quartz material and capable of transmitting ultraviolet radiation in the wavelength range of approximately 254 nanometers is positioned adjacent a second glass cylinder made of a quartz material capable of transmitting ultraviolet radiation in the wavelength range of approximately 185 nanometers. The first and second glass cylinders are connected by a perpendicular glass tube. The compact germicidal lamp, when used in a germicidal system, provides effective germicidal action in a small space. The germicidal lamp of the present invention is more easily manufactured than prior germicidal lamps and can be made having a high power.